

## ABSTRACT

A liquid crystal display monitor comprises an LCD panel, a conversion section, an LUT, a monitor communication section, a light source control section, and a light source. The conversion section 5 comprises an LUT. The LUT comprises, for example, an LUT for red, an LUT for green, and an LUT for blue corresponding to the three primary colors of RGB. A PC is connected to the liquid crystal display monitor, while an optical sensor is attached to a display screen of the LCD panel. On the basis of brightness (white 10 brightness and single color brightness) and white chromaticity having been acquired in a state that a white screen is displayed at a plurality of gradations of display input gradation, a conversion table for a plurality of colors (each color of RGB) is calibrated so that display characteristics of a color display unit is calibrated.